ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION | INITIALS | ID NO. | DATE | | | | | |
|---------------------------|----------|------------------|---------|--|--|--|--|--|
| FEE DETERMINATION | | | | | | | | |
| O.I.P.E. CLASSIFIER | | | 1-20-00 | | | | | |
| FORMALITY REVIEW | | $ \varphi$ $ -$ | 1-20-00 | | | | | |
| RESPONSE FORMALITY REVIEW | â | | | | | | | |
| | | | 5/20/03 | | | | | |

INDEX OF CLAIMS

| • | Rejected | N | Non-elected |
|---|----------------------------|---|--------------|
| | Allowed | | Interference |
| _ | (Through numeral) Canceled | | Appeal |
| ÷ | Restricted | | Objected |

| · · · · · · · · · · · · · · · · · · · | | | | | | | | ••••• | | | | | | | | | | | | | | | ••••• | C | bje | ctec | i | | | | | | | | | | | |
|---------------------------------------|--|---------------|--------------|--------|----------|--|--------------|----------|--------------|-----------|----------|-----------|---|----------|-------------|----------|-----------|-----------------|----------|----------------|----------|----------|----------|-----------|----------|------|----------|----------|-------------|----------|---------|----------|--------------|----------------|----------|--------------|--------------|-----------|
| 1 | Clai | m | L | _ | | _ | | ate | | | | | | С | laim | Γ | | | | C | ate | | | _ | | 7 | Г | laim | Γ | _ | | | n | ate | _ | | _ | _ |
| | Final | Ariginal | 6000 | | - | 1 | è | | | | | | | Final | 15 Original | | | | | | | | | | | | | Original | | | | | Ī | | | | | |
| | | 2 | J | | ‡ | | † | # | 1 | # | 1 | + | | | 52 | | | | | \perp | \pm | \pm | \pm | \pm | | | | 102 | | | _ | \vdash | H | + | + | + | + | _ |
| H | + | _ | | ╀ | ╀ | ╀ | + | | 4 | 4. | \perp | - | 4 | L | 53 | _ | <u> </u> | 1 | 1 | ┵ | | Ĺ. | \perp | Ţ | | | Г | 103 | | | | T | Г | 7 | 7 | T | 十 | 7 |
| - | + | 5 | ¥ | ┝ | +- | ╄ | + | + | + | + | +- | - | 4 | - | 54 | <u> </u> | _ | 4 | ╄ | 1 | 4. | \perp | \perp | | - | | | 104 | | | | 1 | | | \top | \top | 十 | ٦ |
| ŀ | | | y | ┝ | ╁ | ╁ | + | + | +- | +- | + | + | 4 | - | 55 | | _ | - | + | + | 4 | 4 | \perp | \perp | 1 | 1 | L | 105 | | | | | | | | T | T | ī |
| \vdash | | 뒭 | _ | ┝ | + | ╁ | + | | +- | + | + | + | - | | 56 57 | H | _ | ╀ | ╀ | +- | 4 | 4 | \perp | - - | 4. | 1 | | 106 | Ш | | | | L | | | | Τ | |
| H | | | Ť, | H | ╁ | ╁ | + | + | ╁ | + | + | ┿ | - | - | 58 | ⊢ | - | ╀ | +- | ╀ | ╀ | 4 | + | + | 4 | 4 | <u> </u> | 107 | | _ | | | L | L | _ | | L | |
| H | _ | 9 | Ť | - | + | t | ╁ | + | ┿ | ╁ | + | + | ┨ | \vdash | 59 | - | H | ⊢ | +- | + | ╀ | | + | + | | - | 1 | 108 | | | | _ | L | _ | ┖ | L | I | \exists |
| 1 | | $\overline{}$ | Í | H | +- | + | ╅ | + | + | ╁ | +- | ╁ | - | \vdash | 60 | Н | <u> </u> | ├ | ╁ | + | ╀ | + | - - | + | + | 1 | _ | 109 | | | | | L | L | L | | | |
| H | | ň | Ť | H | +- | ╁ | ╁ | +- | + | + | ╁ | ╁╴ | ┨ | | 61 | \dashv | | ┝ | ╀ | - | +- | + | 4 | + | 4- | 4 | L | 110 | _ | _ | | L | _ | L | L | | \perp | |
| t | | | 1, | _ | 1 | †- | + | ╁ | +- | +- | 十 | ╁ | ┨ | - | 62 | | _ | ├ | ╀ | +- | +- | +- | ╀ | + | +- | 4 | <u> </u> | 111 | _ | | | L | | | Ц. | \perp | 丄 | ╛ |
| 1 | | 3 | + | _ | t^{-} | \vdash | 十 | +- | + | + | ╁ | ╁ | 1 | \vdash | 63 | - | _ | ├ | +- | + | ╀ | +- | + | + | + | - | - | 112 | 4 | 4 | | Ш | L | _ | 1_ | L | \perp | 1 |
| 1 | 1 | | J | | T | † | $^{+}$ | + | +- | +- | + | + | 1 | \vdash | 64 | \dashv | _ | \vdash | +- | + | \vdash | +- | +- | + | + | - | - | 113 | _ | | | ļ | <u> </u> | _ | _ | | \perp | 1 |
| r | 1 | | 7 | _ | \vdash | \vdash | † | +- | + | \dagger | + | †- | 1 | \vdash | 65 | - | | - | \vdash | | + | + | + | +- | + | - | - | 114 | | _ | 4 | | | \vdash | _ | L | 1 | 1 |
| Γ | V | 6 | N/ | _ | t | | 十 | + | +- | + | ╁╴ | ╁╴ | 1 | - | 66 | + | | ┝ | \vdash | +- | +- | ╀ | ╁ | ╁ | +- | ł | \vdash | 115 | | | | Ш | _ | Ļ. | L | ot | \perp | 1 |
| 1 | 1 | 7 | 7 | | | t^- | \dagger | + | + | + | ╁ | ✝ | 1 | - | 67 | \dashv | | | \vdash | ╁ | +- | +- | ╀ | ╀ | +- | - | <u> </u> | 116 | \dashv | | | _ | _ | <u> </u> | \vdash | $oxed{oxed}$ | 4_ | 1 |
| F | 11 | | 1 | _ | | Ι- | T | ╁╴ | †- | 十 | +- | ┼─ | 1 | \vdash | 68 | - | | _ | - | ╁ | ╁ | +- | ╄ | ╀ | - | ł | <u> </u> | 117 | 4 | 4 | _{ | _ | | L_ | L | L | 丄 | 1 |
| | 11 | | J | | | H | + | ╁ | + | ╁ | t | + | 1 | \vdash | 69 | -+ | | - | | ⊢ | ╁ | ╂ | ╄ | ╁ | | ł | - | 118 | \dashv | 4 | | _ | | ļ., | Ļ., | L | Ļ | 1 |
| | 2 | - | \dashv | | T | | \vdash | | ╁╴ | + | ╁ | ┼─ | 1 | - | 70 | + | - | | ⊢ | ╂— | ├ | ╀ | ╁ | ╁ | +- | | L | 119 | - | | 4 | 4 | | Ļ | L | <u> </u> | L | 1 |
| b | 2 | _1. | + | | | ┝ | ┢ | + | +- | ╁ | ╁ | +- | { | - | 71 | \dashv | | - - | ļ. | ├ - | ├- | ╀ | ↓_ | ļ | - | ļ | Ļ, | 120 | | _ | _ | | | L | _ | | L | 1 |
| H | 22 | 2 | | - | | \vdash | ╁ | +- | ╁ | ┼- | +- | ╁ | ł | \vdash | 72 | | - | | ├- | — | - | ┼- | ╄ | ╄ | - | 1 | <u> </u> | 121 | 4 | 4 | _ | _ | | L | | | L | I |
| ź | 2 | 3 | | : | | H | \vdash | + | \vdash | ╁─ | +- | | ł | \vdash | 73 | + | \dashv | _ | ļ | H | - | ┼- | ⊢ | ┡ | - | | | 122 | 4 | 4 | _ | _ | _ | | <u> </u> | | L | 1 |
| ş, | 2 | | | ÷ | - | - | ╁ | +- | ╁ | ╁ | - | ┢ | | \vdash | 74 | -+ | - | _ | | ⊢ | ⊢ | ┼ | ╀- | Ͱ | - | | | 123 | \perp | 4 | _ | _ | _ | | | _ | L | l |
| ٦ | 2 | | 7 | | | - | | ┼─ | H | ╁ | ╁ | ╁ | ĺ | H | 75 | -+ | - | _ | | H | H | | - | ┝ | \vdash | | - | 124 | 4 | 4 | 4 | - | | | | L | L | L |
| 7 | 26 | | 7 | _ | | | \vdash | + | | ┢ | +- | - | | H | 76 | -+ | -1 | - | | | ⊢ | - | - | ⊢ | - | | | 125 | + | 4 | 4 | _ | | | | L | _ | L |
| | 27 | _ | 7 | | \vdash | _ | \vdash | 1 | | \vdash | ╁─ | - | | H | 77 | + | - | - | _ | | H | - | - | - | \vdash | | | 126 | - - | 4 | 4 | _ | _ | | | | L | Ļ |
| - | 28 | 1 | 7 | | | _ | Ι- | H | _ | ├- | ╁ | - | | | 78 | \dashv | | - | - | | - | - | | ├ | | | | 127 | - - | - | 4 | -+ | _ | _ | | | L | L |
| | 29 | | 7 | 7 | | | ┢ | \vdash | \vdash | ┢╌ | \vdash | - | | | 79 | + | ┪ | | - | - | | ├ | - | | \vdash | | | 128 | | - | 4 | | 4 | _ | _ | | L | L |
| | 30 | | 1 | 7 | _ | | \vdash | \vdash | \vdash | | H | | | _ | 80 | + | + | | | - | - | ├ | \vdash | ⊢ | \vdash | | ┷ | _ | - | | 4 | 4 | _ | _ | 4 | | ┕ | Ļ |
| | 31 | i | 7 | ┪ | | _ | H | 1 | \vdash | - | | Н | | | 81 | ╁ | \dashv | \dashv | | | _ | - | | ┝ | \vdash | | | 30 | + | + | - | 4 | 7 | i | _ | | Ĺ. | L |
| | 32 | 1 | T | コ | \neg | _ | | | | | | Н | | | 82 | + | + | ┪ | \dashv | | _ | - | ├ | ├ | Н | | | 32 | + | + | + | - | 4 | | _ | \dashv | نط | L |
| | 33 | 3 | 4 | T | | | | | | | | Н | | | 83 | + | + | + | -1 | | | H | - | | \vdash | | | | +- | + | + | - | \dashv | | _ | _ | ليب | L |
| 4. | 34 | ī | 7 | | | ٦ | | Г | | П | | \vdash | | - | 84 | + | + | + | - | \dashv | | H | Н | | H | i | | 33 34 | + | + | + | \dashv | + | | _ | - | _ | 1 |
| × . | 35 | 5 | 3 | | | | | | | П | П | \vdash | | | 85 | + | + | + | ┥ | \neg | | H | - | - | \vdash | | | 35 | - - | + | + | - | 4 | - | _ | - | \dashv | L |
| · | 36 | I | T | | | \neg | | П | H | | | | , | | 36 | + | + | + | - | \dashv | | \vdash | Н | - | Н | | | 36 | + | + | + | \dashv | \dashv | | 4 | 4 | - | ⊢ |
| 43 | 37 | | T | \Box | | \exists | | П | | | П | \dashv | | - | 37 | + | + | 7 | \dashv | \dashv | _ | \vdash | Н | - | Н | | | 37 | + | + | + | + | + | - | \dashv | \dashv | - | \vdash |
| × | 38 | | | .] | \Box | \exists | | П | | | | ヿ | | | 88 | + | + | + | 寸 | \dashv | \dashv | | \dashv | | \vdash | l | | 38 | +- | + | + | + | + | | 4 | 4 | 4 | - |
| Ç.J | 39 | - | \int | Ī | | | | | | \neg | | \neg | | | 39 | 十 | + | + | + | \dashv | \dashv | | \dashv | \dashv | \vdash | - | | 39 | +- | + | + | + | + | -+ | + | 4 | - | _ |
| | 40 | | T | T | \neg | 寸 | | | _ | 7 | | \neg | | _ | 0 | + | \dagger | + | + | \dashv | \dashv | | \dashv | \exists | \dashv | ł | _ | 40 | +- | + | + | + | + | + | + | + | 4 | _ |
| * | 41 | 1 | 1 | 7 | _ | 7 | | | 寸 | -1 | 7 | - | i | |)1 | +- | + | + | \dashv | - | - | \dashv | | \dashv | \dashv | ŀ | | 41 | + | + | + | + | - | \dashv | 4 | | \dashv | _ |
| 7 | 42 | ļ | 1 | 7 | + | 7 | | \dashv | | \dashv | \dashv | \dashv | | _ | 2 | + | + | + | + | + | | | \dashv | 4 | \dashv | ļ | | | + | + | 4 | 4 | \downarrow | _ | \dashv | 4 | _ | _ |
| | 42 43 | T | + | + | \dashv | \dashv | \dashv | \dashv | 7 | \dashv | | \dashv | | | 3 | + | + | + | + | \dashv | | | \dashv | , | | - 1 | | 42 | + | + | 1 | 4 | 4 | 4 | 4 | 4 | _ | _ |
| ų. | 44 | Ť | † | + | \dashv | 7 | \dashv | \dashv | -+ | ᅥ | \dashv | \dashv | | _ | 14 | + | + | + | - | \dashv | \dashv | | 4 | | | - } | - | 43 | + | \perp | + | 4 | 4 | 4 | 4 | _ | _ | _ |
| Ţ. | 44 45 46 47 48 49 50 | 1 | + | + | \dashv | ┪ | \dashv | \dashv | | \dashv | - | \dashv | } | | 5 | + | + | + | + | 4 | 4 | _} | \dashv | 4 | 4 | ļ | | 44 | 1- | \perp | 1 | \perp | \perp | \perp | \perp | 4 | 4 | _ |
| Ŕ | 46 | t | \dagger | + | \dashv | \dashv | ┪ | \dashv | \dashv | -+ | + | \dashv | ł | | 6 | + | + | + | \dashv | + | | | | 4 | \dashv | - } | | 45 | 4 | 1 | \perp | _ | \perp | 4 | 4 | 4 | _ | |
| V | 47 | T | + | + | \dashv | \dashv | - | \dashv | -+ | \dashv | + | \dashv | } | | 7 | ╁ | + | + | + | + | 4 | -+ | - | - | 4 | ļ | | 16 | ↓_ | ↓. | ╀ | _ | 4 | \bot | \perp | \downarrow | 4 | |
| <u>.</u> | 48 | H | + | + | + | + | \dashv | - | \dashv | -+ | \dashv | \dashv | ŀ | | 8 | +- | + | + | + | 4 | 4 | | 4 | 4 | _ | - | | 47 | 丄 | 4_ | L | \perp | 1 | 1 | \perp | \perp | \dashv | |
| 3 | 49 | | † | + | .+ | + | \dashv | -+ | \dashv | + | + | \dashv | ł | | 9 | + | + | + | + | + | 4 | -+ | | - | \dashv | Ļ | | 18 | ↓_ | 1 | 1 | 4_ | 1 | 4 | 4 | 1 | 4 | _ |
| ď. | 50 | Τ | 十 | + | + | + | + | - | + | \dashv | \dashv | \dashv | H | | 00 | + | + | + | + | + | 4 | -+ | + | - | | 1 | | 19 | +- | + | + | 4 | 4 | \perp | 4 | 4 | \downarrow | _ |
| 2 | | _ | _ | | | | _+ | _ | | | <u></u> | | L | | ۸_ | Щ. | _1_ | | 丄 | | | | L | | | L | 1: | υ | ┸ | <u> </u> | Щ. | 上 | 1. | | | Ĺ | Д, | _ |

If more than 150 claims or 10 actions staple additional sheet h r

(LEFT INSIDE)